

1c923 U.S. PTO
12/19/02

Please type a plus sign (+) inside this box ☒

PTO/SB/05 (11 -00)
Approved for use through 10/31/2002 OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non provisional applications under 37 CFR 1.53(b))

Attorney Docket No. N.C. 83,180
First Inventor NICHOLS
Title AUTOMATIC GAIN CONTROL FOR DIGITIZED RF SIGNAL
Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 10]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U. S. C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Pages 1]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
6. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(13)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1, 76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____

Prior application information Examiner _____ Group Art Unit _____
For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion of the disclosure is omitted from the submitted application parts.

19. MAILING ADDRESS

☒ Customer Number or Bar Code Label (Insert Customer No. or Attach Bar code label here) or ☐ Correspondence address below

Name Naval Research Laboratory, Code 1008.2
Address 4555 Overlook Ave., S.W.,
Code 1008.2
City Washington State DC Zip Code 20375-5320
Country US Telephone 202-404-1552 Fax 202-404-7380

Name (Print/Type) John J. Karasek Registration No. (Attorney/Agent) 36,182
Signature [Signature] Date 2/15/02

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02/19/02

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FEE TRANSMITTAL for FY 2002 Patent fees are subject to annual revision.		Complete if Known		
		Application Number	NOT YET ASSIGNED	
		Filing Date		
		First Named Inventor	NICHOLS	
		Examiner Name	NOT YET ASSIGNED	
		Group Art Unit	NOT YET ASSIGNED	
TOTAL AMOUNT OF PAYMENT (\$)		914	Attorney Docket No.	83,180

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																													
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to Deposit Account Number: 50-0281 Deposit Account Name: Naval Research Laboratory <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status, See 37 CFR 1.27		3. ADDITIONAL FEES																																																																																																																													
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105 130 205 65</td><td></td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127 50 227 25</td><td></td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139 130 139 130</td><td></td><td>Non-English specification</td><td></td></tr><tr><td>147 2,520 147 2,520</td><td></td><td>For filing a request for ex parte reexamination</td><td></td></tr><tr><td>112 920* 11 2 920*</td><td></td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113 1,840* 113 1,840*</td><td></td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115 110 215 55</td><td></td><td>Extension for reply within first month</td><td></td></tr><tr><td>116 400 216 200</td><td></td><td>Extension for reply within second month</td><td></td></tr><tr><td>117 920 217 460</td><td></td><td>Extension for reply within third month</td><td></td></tr><tr><td>118 1,440 218 720</td><td></td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128 1,960 228 980</td><td></td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119 320 219 160</td><td></td><td>Notice of Appeal</td><td></td></tr><tr><td>120 320 220 160</td><td></td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121 280 221 140</td><td></td><td>Request for oral hearing</td><td></td></tr><tr><td>138 1,510 138 1,510</td><td></td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140 110 240 55</td><td></td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141 1,280 241 640</td><td></td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142 1,280 242 640</td><td></td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143 460 243 230</td><td></td><td>Design issue fee</td><td></td></tr><tr><td>144 620 244 310</td><td></td><td>Plant issue fee</td><td></td></tr><tr><td>122 130 122 130</td><td></td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123 50 123 50</td><td></td><td>Processing fee under 37 CFR 1.17(c)</td><td></td></tr><tr><td>126 180 126 180</td><td></td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581 40 581 40</td><td></td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146 740 246 370</td><td></td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>149 740 249 370</td><td></td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>179 740 279 370</td><td></td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>169 900 169 900</td><td></td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="2"></td><td>Other fee (specify)</td><td></td></tr><tr><td colspan="2">SUBTOTAL (3)</td><td></td><td>(\$) 0</td></tr></tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	105 130 205 65		Surcharge - 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2. EXTRA CLAIM FEES Total Claims: 25 Independent Claims: 4 Multiple Dependent: Extra Claims: 5 Fee from below: 18 Fee Paid: 90 Extra Claims: 1 Fee from below: 84 Fee Paid: 84 Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 ** Reissue independent claims over original patent 110 18 210 9 Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 174																																																																																																																															

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	John J. Karasek	Registration No (Attorney/Agent)	36,182
Signature		Telephone	202-404-1552
		Date	2/15/02

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PATENT APPLICATION
Navy Case No. 83,180

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION FOR LETTERS PATENT

TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT Gregory M. Nichols of Alexandria, VA, who is a citizen of the United States of America, has invented certain new and useful improvements in **"AUTOMATIC GAIN CONTROL FOR DIGITIZED RF SIGNAL PROCESSING"** of which the following is a specification:

Please Contact Preparer:
L. George Legg
Reg. No. 34,208
Tel: 202-404-1559

206720-054007